

Bill of Materials Organized by Assembly
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6-2	6-3	6-4	6-5
Crankshaft	Shift Roller	Engine Casing	<b>Oil Pumps</b>
Balancer shaft		2 M6X30 6 M6X45 4 M6X60 1 M6X75	Oil Pump Shaft Needle Roller X2 Outer Rotor Inner Rotor
<b>6-Speed Main Shaft</b>		Engine case gasket	Oil Pump Casing
Split Needle Bearing X2			2 M5X12
Stop Disk X3		Free Wheel Gear	Oil Pump Wheel
Circlip X2		Free Wheel Gear Hub	Stop Disk
5th speed idler gear		Free Wheel Gear Bolts X6	Tab Washer
3rd speed sliding gear		Spreader Ring	Oil Pump Cover
4th speed sliding gear			2 M5X16
6th speed idler gear			
2nd speed fixer gear			
<b>Countershaft</b>			
Split needle bearing X4	<b>6-11</b>	<b>6-12</b>	<b>6-13</b>
Stop Disk X3	Camshaft	Cylinder head top	Timing chain tensioner
Circlip X3		1 M6X55	Tensioner gasket
2nd speed idler gear		2 M6X45	2 M6X20
6th speed sliding gear		2 M6X30	Valve Covers X2
4th speed idler gear		1 M6X75	6 M6X20
3rd speed idler gear		1 M6X50	Spark Plug
5th speed sliding gear		Needle roller	
1st speed idler gear		Water pump wheel	
		1 M6X20	
Shift Forks X2		1 Broken Spring seat	
Springs X4			
Shift Rolls X2			

6-6	6-7	6-8
<b>Shift Arrester</b>	<b>E-starter drive gear and kickstarter</b>	
Disk	Kickstarter idler gear	Outer Clutch Hub
Locking Lever	<b>E-starter idler gear</b>	Supporting plate
Locking Lever Spring	Needle bearing	Needle bearing
Locking Spring Sleeve	Reduction gear	Half disks X2
1 M5X20	Spring shackle	Stepped disc
Shift Locating Drum	1 M6X12	Lock washer
1 M6X30		Nut
Return Spring		Collar Nut
Casing Nose		

6-14	6-15	6-16
Custom Flywheel	Intermediate clutch disk X8	Oil line
Crankshaft fixing bolt	Lining clutch discs X7	Jet screw
Fixing bolt sealing ring	Thin clutch disc	Hollow screw
Wave Washer	Driving pin sleeves X12	<b>E-starter motor</b>
Collar nut	Pressure cap	2 M6X20
Shaft disc	Clutch Springs	Spacer bushing
Pulse generator	Spring retainers	Sprocket
2 M5X16	Collar bolts	Collar screw
Ignition Cover	Clutch Cover	Spring retainer
2 M6X30	8 M6X30	
2 M6X35	2 M6X35	

6-9	6-10
Timing chain guide	Cylinder-base gasket
Tensioning rail	Piston
2 M6X25	Cylinder head
Timing chain guide	Piston Pin
2 M6X16	Wire Clips X2
	Cylinder dowels X2
	Collar bolts X4
	2 M6X45
	1 M6X40

6-17
Oil Filters X2
Oil filter cover X2
4 M5X16
Oil drain plug
Kickstart